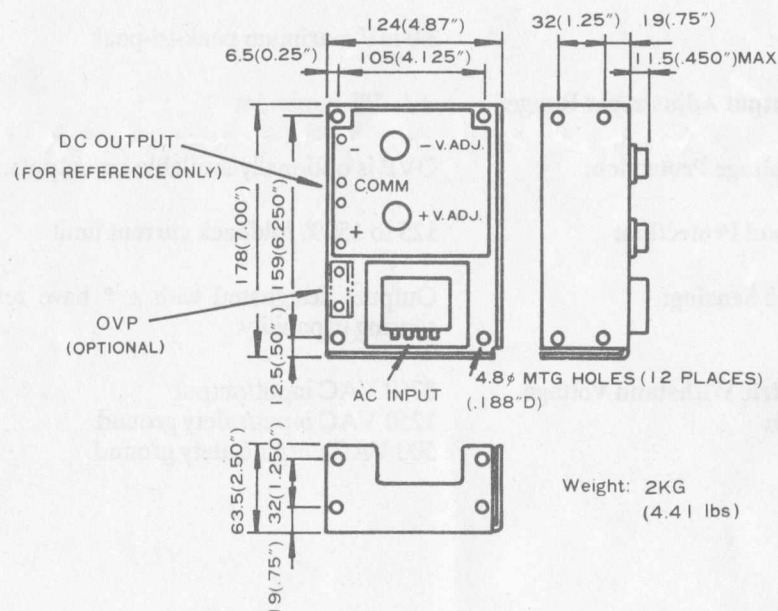


Input AC Connections:

FOR USE AT	CONNECT	APPLY AC TO:	Primary Fuse
100 VAC	1-3, 2-4	1 & 5	1A/125V
120 VAC	1-3, 2-4	1 & 4	1A/125V
220 VAC	2-3	1 & 5	0.5A/250V
230 VAC	2-3	1 & 4	0.5A/250V
240 VAC	2-3	1 & 4	0.5A/250V

Mechanical Dimensions: mm (Inches)



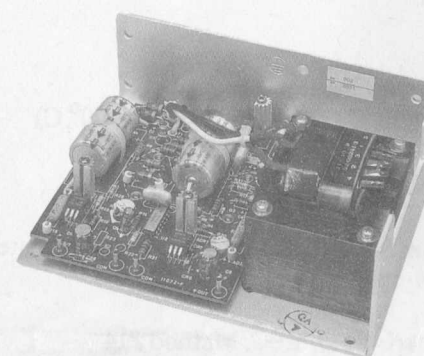
P/N 36169-04
Rev 4/88

A UNIT OF GENERAL SIGNAL **GS**

SOLA

POWER SUPPLY GROUP

LINEAR OPEN FRAME DC POWER SUPPLIES



SILVER LINE

Models:

SLD-12-1818-12

SLD-15-1515-15

SLD-12-3015-05

FEATURES:

- Tight regulation: 0.05% Line; 0.05% Load
- Full Output Ratings to +50°C
- Built in OVP on 5 Volt Outputs
- OVP Option for 12V, 15V, and 24V
- Foldback Current Limiting Overload Protection with Automatic Recovery
- Multi-tap AC Inputs
- 100% Four-Hour Burn-In
- Limited Warranty for one Year
- UL Recognized
- CSA Certified
- TUV Certified

GENERAL SPECIFICATIONS:

Voltage/Current Ratings:

MODEL NUMBER	OUTPUT 1	OUTPUT 2
SLD-12-1818-12 ¹	+12V/1.8A	-12V/1.8A
SLD-15-1515-15 ¹	+15V/1.5A	-15V/1.5A
SLD-12-3015-05 ²	+5/3.0A*	+12V/1.5A

1 Outputs are tied common.

2 Outputs are not isolated from one another

Operating Temperature Range: 0 to +50°C (Derate to 40% at +70°C)

Temperature Coefficient (Typical): +/- 0.01%/°C

Stability: Within +/- 0.05% (For 24 hours after warm-up)

Vibration: Per MIL-STD-810C, Method 514

Shock: Per MIL-STD 810C, Method 516

EMI/RFI: Linear power supplies have inherently low conducted and radiated noise levels. For most system applications, these power supplies will meet the requirements of FCC Class "B" and VDE 0871 for Class "B" equipment without additional noise filtering.

Cooling: Forced air @20 CFM

INPUT SPECIFICATIONS:

Multi Input (all units): 100/120/220/230/240 VAC selectable
+/- 10% except 230 is +15%, -6%

Frequency Range:

47-63 Hz (Typical is 60 Hz.
derate output 10% at 50 Hz.)

Transient Response Time:

50 µSEC at 50% load changes for outputs rated up to 6 A
100 µSEC at 50% load changes for outputs rated 6 A and over

Fuse Requirements:

Units are *not* fused internally. For safe operation, user must provide input line fuse as per values given in table.

OUTPUT SPECIFICATIONS:

Line Regulation: 0.05% for 10% change

Load Regulation: 0.05% for 50% change

Ripple: 3.0 mV maximum peak-to-peak

DC Output Adjustment Range: +/- 5% minimum

Overvoltage Protection: OVP is optionally available on outputs.

Overload Protection: 125 to 150% foldback current limit

Remote Sensing: Outputs designated with a * have remote sensing capability.

Dielectric Withstand Voltage (min.): 3750 VAC input/output
1250 VAC input/safety ground
500 VAC output/safety ground